

Ց Ա Ն Կ

ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅԱՆ ԿԱՌԱՎԱՐՈՒԹՅԱՆՆ ԱՌԸՆԹԵՐ
ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅԱՆ ՈՍՏԻԿԱՆՈՒԹՅԱՆՆ ԱՄՐԱՑՎՈՂ
ԳՈՒՅՔԻ
(ՊԱՅՄԱՆԱԳԻՐ՝ EIC-1.2.2-G-3, ԿՆՔՎԱԾ՝ 03.04.2013 ԹՎԱԿԱՆԻՆ)

NN ը/կ	Ապրանքի անվանումը (Տեխնիկական պարամետրերը)	Սերիական համարը	Քանակը	Միավորի գինը՝ առանց ԱԱՀ-ի (դրամ)	Մատակարարման վերջնական վայր հասցնելու ընդհանուր գինը՝ առանց ԱԱՀ-ի (դրամ)
1	2	3	4	5	6
1.	Երթուղիչ (Router) Mikrotik RB1100AHx2 Ports: 13 x 10/100/1000 Mbit/s Gigabit Ethernet RAM: 2 GB Interface features: Bonding (Link Aggregation), Bridging , VRRP VPN: Virtual Lan Network (VLAN), IP Security (Ipsec) , Ethernet Over IP (EoIP) , GRE tunnel , IPIP tunnel , PPPoE , PPTP , L2TP , SSTP , OpenVPN Built-in power supply Form Factor: Rack-mountable Warranty: 1 year	45AA02EDB789 45AA0240B617 45AA0286DC35 45AA02304859 3AD10207CC73	5	247 970	1 239 850
2.	Կիրառական ծրագրերի սերվերներ (Application servers) (a) Dell PowerEdge R620 2xIntel Xeon E5-2630 2.30GHz, 15M Cache, 7.2GT/s QPI, Turbo, 6C, 95W, DDR3- 1333MHz (score 416, results published on	BVKBWX1 4VKBWX1 DTKBWX1 2WKBWX1	4	1 412 500	5 650 000

1	2	3	4	5	6
	http://www.spec.org/cpu2006/results/res2012q1/cpu2006-20120312-20023.pdf http://www.spec.org/cpu2006/results/rint2006.html 4x8GB RDIMM, 1333 MHz, Low Volt, Dual Rank, x4 2x1TB, SATA, 2.5-in, 7.2K RPM Hard Drive (Hot-plug) PERC H310 Integrated RAID Controller 2x2M Rack Power Cord C13/C14 12A Dual, Hot-plug, Redundant Power Supply (1+1), 495W Broadcom 5720 QP 1Gb Network Daughter Card Broadcom 5720 DP 1Gb Network Interface Card, Low Profile 2/4-Post Static Rails RAID 1 for H710p, H710, H310 Controllers iDRAC7 Express All Cables are included Warranty: 3 years				
3.	Կիրառական ծրագրերի սերվերներ (Application servers) (b) Dell PowerEdge R320 Intel Xeon E5-2430 2.20GHz, 15M Cache, 7.2GT/s QPI, Turbo, 6C, 95W (score 202, results published on http://www.spec.org/cpu2006/results/res2012q2/cpu2006-20120522-22047.pdf http://www.spec.org/cpu2006/results/rint2006.html 4x8GB RDIMM, 1333 MHz, Low Volt, Dual Rank, x4 2x1TB, SATA, 3.5-in, 7.2K Hard Drive (Hot-plug) PERC H310 Integrated RAID Controller Performance BIOS Setting	CBGBWX1 59GBWX1	2	903 250	1 806 500

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	2x2M Rack Power Cord C13/C14 12A Single Hot Plug Power Supply 350W On Board Network Adapter (Broadcom 5720 Dual Port 1Gb LOM) Broadcom 5720 DP 1Gb Network Interface Card 2/4-Post Static Rails iDRAC7 Express All Cables are included Warranty: 3 years				
4.	Uplink (Switch) (a) Dell PowerConnect 5524 24 GbE Port Managed L2 Switch 10GbE and Stacking Capable Networking: 24 x 10/100/1000BASE-T auto- sensing Gigabit Ethernet Management: Web-based management interface Industry-standard CLI accessible via Telnet or Local Serial Port SNMPv1, SNMP v2c, SNMPv3 supported USB Drive Support Auto-Configuration, Firmware 4 RMON groups supported (history, statistics, alarms, and events) TFTP transfers of firmware and configuration files Dual firmware images on- board Multiple configuration file upload/download supported Statistics for error monitoring and performance optimization including port summary tables BootP/DHCP IP address management supported		2	446 805	893 610

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	Syslog remote logging capabilities LLDP-MED SNTP Vlans: IEEE 802.1Q tagging and port-based, up to 4,000 user-configurable VLANs Protocol-based VLANs Dynamic VLANs with GVRP support Features: Link Aggregation LACP support, Port mirroring Form Factor: Rack-mountable Power Supplies: RPS720 External Redundant Power Supply , Voltage 220-240 VAC (50/60 Hz) Warranty: 1 year				
5.	Uj[h₂ (Switch) (b) Dell PowerConnect 5524 24 GbE Port Managed L2 Switch 10GbE and Stacking Capable Networking: 24 x 10/100/1000BASE-T auto-sensing Gigabit Ethernet Management: Web-based management interface Industry-standard CLI accessible via Telnet or Local Serial Port SNMPv1, SNMP v2c, SNMPv3 supported Syslog remote logging capabilities Vlans: IEEE 802.1Q tagging and port-based, up to 4,000 user-configurable VLANs Protocol-based VLANs Dynamic VLANs with GVRP support Features: Link Aggregation LACP support, Port mirroring, Form Factor: Rack-mountable Power Supplies: Voltage 220-	4S8WTS1	1	352 210	352 210

1	2	3	4	5	6
	240 VAC (50/60 Hz) Warranty: 1 year				
6.	Տվյալների բազայի սերվեր (Database server)– (a) Dell PowerEdge R720 2xIntel Xeon E5-2670 2.60GHz, 20M Cache, 8.0GT/s QPI, Turbo, 8C, 115W, DDR3-1600MHz (score 618, results published on http://www.spec.org/cpu2006/results/res2012q1/cpu2006-20120312-20040.pdf http://www.spec.org/cpu2006/results/rint2006.html) 8x8GB RDIMM, 1333 MHz, Low Volt, Dual Rank, x4 6x600GB, SAS 6Gbps, 3.5-in, 15K RPM Hard Drive (Hot-plug) SAS 6Gbps HBA External Controller PERC H710 Integrated RAID Controller, 512MB NV Cache Dual, Hot-plug, Redundant Power Supply (1+1), 750W 2x2M Rack Power Cord C13/C14 12A Broadcom 5720 QP 1Gb Network Daughter Card Broadcom 5720 DP 1Gb Network Interface Card 2/4-Post Static Rack Rails iDRAC7 Express All Cables are included Warranty: 3 years	9YHBWX1	1	2 962 300	2 962 300
7.	Տվյալների բազայի սերվեր (Database server)–(b) Dell PowerEdge R720 2xIntel Xeon E5-2670 2.60GHz, 20M Cache, 8.0GT/s QPI, Turbo, 8C, 115W, DDR3-1600MHz (score 618, results published on http://www.spec.org/cpu2006/results/res2012q1/cpu2006-20120312-20040.pdf)	50HBWX1	1	2 931 075	2 931 075

1	2	3	4	5	6
	20120312-20040.pdf http://www.spec.org/cpu2006/results/rint2006.html 8x8GB RDIMM, 1333 MHz, Low Volt, Dual Rank, x4 6x600GB, SAS 6Gbps, 3.5-in, 15K RPM Hard Drive (Hot-plug) SAS 6Gbps HBA External Controller PERC H710 Integrated RAID Controller, 512MB NV Cache Dual, Hot-plug, Redundant Power Supply (1+1), 750W 2x2M Rack Power Cord C13/C14 12A Broadcom 5720 QP 1Gb Network Daughter Card 2/4-Post Static Rack Rails iDRAC7 Express All Cables are included Warranty: 3 years				
8.	Տեղեկատվության պահպանման սարք (Storage NAS) QNAP TS-469U-RP NAS Storage RAIL-C01 Dual Core Intel Atom 2.13GHz RAM: 1GB RAM (Expandable RAM, up to 3GB) HDD: 4 x 3.5" 1TB SATA 6Gb/s 10k rpm hard drive Network Interfaces: Min. 2 x 1Gb Network interfaces Supported Clients: Windows XP, Vista, Windows 7 (32/64-bit), Windows Server 2003/2008 R2, Apple Mac OS X, Linux & UNIX File System: Internal Hard Drive: EXT3, EXT4 External Hard Drive: EXT3, EXT4, NTFS, FAT32, HFS+ Networking: TCP/IP (IPv4 &	Q12BI04626	1	1 418 930	1 418 930

1	2	3	4	5	6
	IPv6), Failover, Multi-IP Settings, Port Trunking/NIC Teaming (Modes: Balance-rr, Active Backup, Balance XOR, Broadcast, IEEE 802.3ad/Link Aggregation, Balance-tlb and Balance-alb), Service Binding based on Network Interfaces, Virtual LAN (VLAN), DHCP Client, DHCP Server, Protocols: CIFS/SMB, AFP (v3.3), NFS(v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, and SMSC Backup Solution: Real-time Remote Replication (RTRR), Real-time & Scheduled Backup, USB One Touch Backup (Import/Export) File Server: File Sharing across Windows, Mac, and Linux/UNIX Database Server: Built-in MySQL Server Syslog Server: Centralized Log Monitoring and Archiving, Immediate E-mail Alerts, Supports Log Filtering Web Server: HTTP/HTTPS Connections Power Supplies: Input 220-240V AC, 50/60Hz Warranty: 2 years				
9.	Պահուստային ստրիմեր/ Ջայնագրիչի գրադարան (Backup Streamer/Tape library) Dell PV124T LTO4-120 SAS 1MAG 2U ALD w/Barcode PV124T Euro Docs with PDU Cord 6Gbps SAS HBA Card LTO4 800GB/1.6TB Tape Media 5-packx2	8DK13W1	1	1 954 815	1 954 815

1	2	3	4	5	6
	1M SAS Connector External Cable Rapid Rack Rails Fixed, 2U Warranty 3 years				
10.	Սարքավորումների պահարան (Rack) ZPAS Rack Cabinet SZB SE (WZ- SZBSE-006-5711-11-0000-2- 161) 42U Standard Rack for 19" rack equipment mount Width - 600mm Depth – 1000mm Perforated front and rear doors Side panels Rack mount screw pack Warranty: 1 year	110127238 110124400 110127400	3	432 800	1 298 400
11.	Կոնսոլ (Console) Dell 1U KMM (Touchpad, US/International Keyboard and Widescreen 18.5" LED) with ReadyRails Trendnet TK-1603R 16 port USB/PS2 KVM switch 16x TK-CU10 10 ft USB KVM Warranty: 1 year	IE-ODTP9G- 69640-32J-1899 IE- OGTP9G-69640- 32J-189C IE- OGTP9G-69640- 32J-189B UN13086031966 UN13086031968 UN13086031969	3	639 670	1 919 010
12.	Անխափան սնուցման սարք (UPS) (a) Dell UPS, Rack, 4200W, 4U, High Efficiency Online, 230V, Hardwired, 30A 1phase, Electrician Required With smart slot and rack mounting rails Warranty 2 years	454SYR1 654SYR1	2	663 085	1 326 170
13.	Անխափան սնուցման սարք (UPS) (b) Dell UPS, Rack/Tower, 2700W, 3U, 4-Post Rails, 230V, Incl. Cable Pack With smart slot Warranty 2 years	C1RMDV1	1	425 680	425 680
14.	Կիրառական ծրագրերի սերվերների համար օպերացիոն համակարգ	-	3	366 215	1 098 645

1	2	3	4	5	6
	(Operating System for application servers) WinSvrStd 2012 SNGL OLP NL 2Proc (downgrade to Enterprise 2008 R2 and Standard 2008 versions)				
15.	Տվյալների բազայի սերվերների համար օպերացիոն համակարգ (Operating System for database servers) Red Hat Enterprise Linux Server 6.3, Standard (1-2 sockets) (Up to 1 guest) 1 Year	-	2	547 215	1 094 430
	Ընդամենը				26 371 625
	ԱԱՀ				5 274 325
	ԸՆԴՀԱՆՈՒՐ ԳԻՆԸ				31 645 950

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